## **INDEX TO VOLUME 68, 2000**

## **AUTHOR INDEX**

Aarestrup, F., 261 Abdulmawjood, A., 33 Adair, B. M., 197 Aguilera-Tejero, E., 103 Aire, T. A., 135 Allen, L., 231 Allen, M., 231 Alton, K., 63 Alvarez, M., 181 Alvarez, V., 161 Álvarez-Nistal, D., 9 Anderson, G. A., 41 Anderson, R., 75 Andrews, M. J., 175 Arthur, J. R., 119 Auer, J. A., 153

Bailey, G., 141, 249 Bailey, S. R., 175 Barroga, E. F., 79 Barry, T., 223 Bas, S., 103 Bautista, M. J., 15 Belak, S., 237 Blauensteiner, J., 63 Bond, R., 291 Bordeau, W., 243 Bradford, H. E. L., 197 Brem, G., 63 Breur, G., 231 Bruce, R. A., 125 Bryson, D. G., 197 Bureau, F., 47

Canfield, P., 207 Cannavan, A., 119 Carrasco L., 15 Charleston, W., 223 Chen, C., 115 Clark, L., 217 Coche, J., 47 Cockcroft, P., 290 Cole, N., 207 Collins, R. A., 147 Cunningham, F., 175

Davies, M. E., 161 de la Puente-Redondo, A., 9 Dehghani, S. N., 3 Delisle, F., 243 Devauchelle, P., 243 Dicks, P., 119

Edlinger, A., 63 Elliott, J., 175 Espi, A., 161 Estepa, J. C., 103

Fernandez, F., 161 Foster, D. J., 89 Foster, J. C., 197 Fox, S., 265 Fragio, C., 27 Friis, C., 211, 261 Fujinaga, T., 79

Ganesh, K., 201 García Marín, J. F., 181 García-Rioja, F., 9 Gillespie, R. R., 217 Gray, A. W., 161 Gregory, N. G., 125 Gutiérrez-Martín, B., 9

Harvey, R., 75 Hemsley, S., 207 Hill, M., 217 Hodge, H., 265 Hoffmann, W., 231 Hong, S.-H., 57 Hoskin, S. O., 223

Ishioka, K., 109 Iwase, M., 109

Jacobsen, R. H., 95 Jeffcott, L. B., 161 Jensen, T. K., 23 Jorsal, S. F., 23 Jüttner, C., 27

Kadosawa, T., 57, 79 Kaiser, P., 147 Kanitz, C., 217 Kästner, S. B. R., 153 Kecskemeti, S., 237 Kennedy, D. G., 119 Kimura, K., 109 Kiss, I., 237 Klingborn, B., 237 Knox, K., 217 Komagome, R., 109

Lämmler, C. H., 33 Lamport, A., 291 Lee, L., 255 Lekeux, P., 47, 153 Li, Q., 115 Li, X., 115 Lindberg, L.-A., 169 Lindecrona, R. H., 23, 211, 261 Liu, H. J., 99 Lloyd, D., 291 López, I., 103 Love, D., 141, 249 Lowoko, C., 265 Lynagh, G. R., 147

McEvan, N., 279 McNulty, M. S., 197 Malikides, N., 278 Marcato, P. S., 189 Marlin, D. J., 153 Martín, J. M., 181 Martin de las Mulas, J., 15 Martín-Vicente, J., 9 Masoumzadeh, M. H., 3 Matsunaga, S, 57 Mayer-Valor, R., 103 Mayr, B., 63 Mellor, D. J., 125, 265 Millán, Y., 15 Mochizuki, M., 57 Moissonner, P., 243 Møller, K., 23 Mollison, P., 278 Morimatsu, M., 109 Murakami, T., 109 Murray, M., 278

Nicol, F., 119 Nielsen, J., 211 Nisbet, D., 75 Nishimura, R., 57

Okumura, M., 79 Olsen, S. C., 95

Palmer, M. V., 95

Parra, F., 181 Parry, B. W., 41 Patra, R. C., 71 Pérez, J., 15 Pösö, A. R., 169 Preziosi, R., 189 Prieto, J. M., 161

Raghavan, R., 201 Raidal, S. L., 141, 249 Reid, S., 278 Reifinger, M., 63 Reinhold, P., 47 Rhind, S. M., 119 Richardson, D., 231 Roberts, C. A., 153 Robinson, J., 217 Rodríguez, M., 103 Rodríguez, M., 27 Rodríguez-Delgado, Ó., 9 Rodríguez Ferri, E. F., 9 Rose, R. J., 141, 249

Saito, M., 109 Sarli, G., 189 Sasaki, N., 57, 109 Sato, I., 41 Saukko, T. M., 169 Schaffner, G., 63 Shieh, H., 255 Shien, J., 255 Stafford, K. J., 125, 265 Stanker, L. H., 75 Swarup, D., 71

Tadjalli, M., 3 Tanyi, J., 237 Tesfa, A. T., 169 Thoday, K. L., 89 Todd, S. E., 125

Uystepruyst, Ch., 47

Villar, D., 135

Waghorn, G., 223 Ward, R. N., 125 Whipple, D. L., 95 Willcox, M., 207 Wilson, P., 223

Yan, Y., 115 Young, C. R., 75

Zhang, G., 115

- 165 rRNA gene of Streptococcus equi subsp. zooepidemicus, Determination of intraspecies variations of the V2 region of the, 33
- 22-oxa-calcitriol and all-trans retinoic acid on the growth of a canine osteosarcoma derived cell-line in viva and its pulmonary metastasis in vivo, Inhibitory effects of, 79
- 5-HT, histamine and PAF on equine platelets, Actions and interactions of AOP, 175
- Accuracy testing of a new stereotactic CT-guided brain biopsy device in the dog, 243
- Actinobacillus pleuropneumoniae, PRRS, Aujeszky's disease and influenza viruses in Spanish finishing pigs, Simultaneous serological evidence of, 9
- Actions and interactions of AOP, 5-HT, histamine and PAF on equine platelets. 175
- Active spermiophagy in the initial part of the proximal efferent duct of the epididymis of normal domestic fowl (Gollos domesticos), 135
- Adherence by Staphylococcus intermedius to canine keratinocytes in atopic dermatitis, 279
- All-trans retinoic acid on the growth of a canine osteosarcoma derived cellline in viva and its pulmonary metastasis in vivo, Inhibitory effects of 22-oxa-calcitriol and, 79
- Amoxicillin and danofloxacin against Salmonella typhimurium in an invitro pharmacodynamic model, The pharmacodynamic effect of, 261
- AOP, 5-HT, histamine and PAF on equine platelets, Actions and interactions of 175
- Atopic dermatitis, Adherence by Staphylococcus intermedius to canine keratinocytes in, 279
- Aujeszky's disease and influenza viruses in Spanish finishing pigs, Simultaneous serological evidence of Actinobacillus pleuropneumoniae, PRRS, 9
- Aujeszky's disease virus via the breath of intranasally inoculated pigs, Infection of pigs by, 217
- Blood collection in the horse, Haematological responses of repeated large
- Bovine FcyPIII with a single extracellular domain, 115
- Bovine spongiform encephalopathy suspects, Clinical sign profile likelihood ratios for, 290
- Buccal mucosal bleeding time in Greyhounds, An interobserver and intraobserver study of, 41
- Borsal disease viruses in bursal tissues, Tissue print hybridisation and reverse transcriptase PCR in the detection of infectious (SC), 99
- Butorphanol analgesia on behaviour in the bitch, The effects of ovariohysterectomy plus different combinations of halothane anaesthesia and, 265
- Campylobocter in pigs, Enteric colonisation following natural exposure to,
- Canine leptin: cDNA cloning, expression and activity of recombinant protein, 109
- Cell mediated and humoral immune responses of white-tailed deer experimentally infected with Mycobacterium bavis (SC), 95
- mentally infected with Mycobacterium bavis (SC), 95

  Cell proliferation and apoptosis in the pathogenesis of oesophagogastric
- lesions in pigs, 189

  Clinical sign profile likelihood ratios for bovine spongiform encephalopathy suspects, 290
- Colonisation status of Malassezia pachydermatis on the hair and in the hair follicle of healthy beagle dogs, 291
- Comparison of the performance of linear resistance and ultrasonic pneumotachometers at rest and during lobeline-induced hyperpnoea, 153

- Comparison of two techniques for the determination of serum bonespecific alkaline phosphatase activity in dogs, A, 231
- Danofloxacin against Salmonella typhimurium in an in-vitro pharmacodynamic model, The pharmacodynamic effect of amoxicillin and, 261
- Danofloxacin into the gastrointestinal tract in healthy and in Salmonella typhimurium infected pigs, Pharmacokinetics and penetration of, 211
- Deer (Cervus elaphus), Effect of forage legumes containing condensed tannins on lungworm (Dictyocaulus sp.) and gastrointestinal parasitism in young red, 223
- Deer experimentally infected with Mycobacterium bavis, Cell mediated and humoral immune responses of white-tailed (SC), 95
- Detection of Lowsonia intracellularis in the tonsils of pigs with proliferative enteropathy, 23
- Determination of intraspecies variations of the V2 region of the 165 rRNA gene of Streptococcus equi subsp. zooepidemicus, 33
- Development and use of monoclonal antibodies to chicken fibronectin to show that the chicken hepatocellular carcinoma cell line, LMH, constitutively expresses fibronectin, 147
- Differentiation induction of canine osteosarcoma cell lines by retinoids, 57
- Effect of forage legumes containing condensed tannins on lungworm (Dictyocaulus sp.) and gastrointestinal parasitism in young red deer (Cervus elaphus), 223
- Effect of high intensity exercise on the functional capacity of pulmonary alveolar macrophages and BAL-derived lymphocytes, The, 249
- Effect of lead on erythrocytic antioxidant defence, lipid peroxide level and thiol groups in calves, 71
- Effect of parainfluenza-3 virus challenge on cell mediated immune function in parainfluenza-3 vaccinated and non-vaccinated calves (SC),
- Effect of single bouts of moderate and high intensity exercise and training on equine peripheral blood neutrophil function, 141
- Effects of food withdrawal and transport on 5-to 10-day-old calves, 125
- Effects of ovariohysterectomy plus different combinations of halothane anaesthesia and butorphanol analgesia on behaviour in the bitch, The, 265
- Enteric colonisation following natural exposure to Campylobocter in pigs,
- Equine osteoclast-like cells generated in vitro demonstrate similar characteristics to directly isolated mature osteoclasts, 161
- Erythrocytic antioxidant defence, lipid peroxide level and thiol groups in calves, Effect of lead on, 71
- Exercise and training on equine peripheral blood neutrophil function, Effect of single bouts of moderate and high intensity, 141
- Exercise, Quantitative analysis of acid-base balance in show jumpers before and after, 103
- Experimental infections of rabbits with rabbit haemorrhagic disease virus monitored by polymerase chain reaction, 255
- Fat infiltration in liver and activity of lecithin:cholesterol acyltransferase in serum of dry and lactating dairy cows, 169
- FcyPIII with a single extracellular domain, Bovine, 115
- Feline coronavirus distribution in naturally and experimentally infected cats, Preliminary studies on, 237
- Fibroadenomatous change: an immunohistochemical study, Oestrogen and progesterone receptors in feline, 15
- Fibronectin to show that the chicken hepatocellular carcinoma cell line, LMH, constitutively expresses fibronectin, Development and use of monoclonal antibodies to chicken, 147
- Food withdrawal and transport on 5-to 10-day-old calves, Effects of, 125

Haematological responses of repeated large volume blood collection in the horse, 278

Halothane anaesthesia and butorphanol analgesia on behaviour in the bitch, The effects of ovariohysterectomy plus different combinations of, 265

Histamine and PAF on equine platelets, Actions and interactions of AOP, 5-HT, 175

Hydropericardium hepatitis syndrome of broiler poultry: current status of research (R) 201

Hyperthyroid cats: a qualitative and quantitative study, Tissue sources of serum alkaline phosphatase in 34, 89

Immunohistochemical localisation of rabbit haemorrhagic disease virus VP-60 antigen in early infection of young and adult rabbits, 181

Infection of pigs by Aujeszky's disease virus via the breath of intranasally inoculated pigs, 217

Inhibitory effects of 22-oxa-calcitriol and all-trans retinoic acid on the growth of a canine osteosarcoma derived cell-line in viva and its pulmonary metastasis in vivo, 79

Interobserver and intraobserver study of buccal mucosal bleeding time in Greyhounds, An, 41

Lead on erythrocytic antioxidant defence, lipid peroxide level and thiol groups in calves, Effect of, 71

Lecithin:cholesterol acyltransferase in serum of dry and lactating dairy cows, Fat infiltration in liver and activity of, 169

Leptin: cDNA cloning, expression and activity of recombinant protein, Canine, 109

Lipid peroxide level and thiol groups in calves, Effect of lead on erythrocytic antioxidant defence, 71

Lobeline-induced hyperpnoea, Comparison of the performance of linear resistance and ultrasonic pneumotachometers at rest and during, 153

Lowsonia intracellularis in the tonsils of pigs with proliferative enteropathy, Detection of, 23

Lungworm (Dictyocaulus sp.) and gastrointestinal parasitism in young red deer (Cervus elaphus), Effect of forage legumes containing condensed tannins on, 223

Malassezia pachydermatis on the hair and in the hair follicle of healthy beagle dogs, Colonisation status of, 291

Mechanics of the respiratory system in healthy newborn calves using impulse oscillometry, 47

Mycobacterium bavis, Cell mediated and humoral immune responses of white-tailed deer experimentally infected with (SC), 95

Neoplasms, Presence of p53 mutations in feline, 63

Oesophagogastric lesions in pigs, Cell proliferation and apoptosis in the pathogenesis of, 189

Oestrogen and progesterone receptors in feline fibroadenomatous change: an immunohistochemical study, 15

Optimal conditions for simultaneous measurement of platelet aggregation and ATP secretion in canine whole blood, 27

Osteoclast-like cells generated in vitro demonstrate similar characteristics to directly isolated mature osteoclasts, Equine, 161

Osteosarcoma cell lines by retinoids, Differentiation induction of canine,

Ovariohysterectomy plus different combinations of halothane anaesthesia and butorphanol analgesia on behaviour in the bitch, The effects of, 265

p53 mutations in feline neoplasms, Presence of, 63

PAF on equine platelets, Actions and interactions of AOP, 5-HT, histamine and, 175

Parainfluenza-3 virus challenge on cell mediated immune function in parainfluenza-3 vaccinated and non-vaccinated calves, Effect of (SC), 197

Pharmacodynamic effect of amoxicillin and danofloxacn against Salmonella typhimurium in an in-vitro pharmacodynamic model, The, 261

Pharmacokinetics and penetration of danofloxacin into the gastrointestinal tract in healthy and in Salmonella typhimurium infected pigs, 211

Phosphatase activity in dogs, A comparison of two techniques for the determination of serum bone-specific alkaline, 231

Phosphatase in 34 hyperthyroid cats: a qualitative and quantitative study, Tissue sources of serum alkaline, 89

Platelet aggregation and ATP secretion in canine whole blood, Optimal conditions for simultaneous measurement of, 27

Preliminary studies on feline coronavirus distribution in naturally and experimentally infected cats, 237

Presence of p53 mutations in feline neoplasms, 63

Progesterone receptors in feline fibroadenomatous change: an immunohistochemical study, Oestrogen and, 15

Proliferative enteropathy, Detection of Lowsonia intracellularis in the tonsils of pigs with, 23

Propylthiouracil-treated cashmere goats, Type II and type III monodeiodinase activities in the skin of untreated and, 119

Protein microanalysis of animal tears, 207

PRRS, Aujeszky's disease and influenza viruses in Spanish finishing pigs, Simultaneous serological evidence of Actinobacillus pleuropneumoniae. 9

Quantitative analysis of acid-base balance in show jumpers before and after exercise, 103

Rabbit haemorrhagic disease virus monitored by polymerase chain reaction, Experimental infections of rabbits with, 255

Rabbit haemorrhagic disease virus VP-60 antigen in early infection of young and adult rabbits, Immunohistochemical localisation of, 181

Respiratory system in healthy newborn calves using impulse oscillometry, Mechanics of the, 47

Retinoids, Differentiation induction of canine osteosarcoma cell lines by, 57

Salivary glands, Sialography of sheep parotid and mandibular, 3

Salmonella typhimurium in an in-vitro pharmacodynamic model, The pharmacodynamic effect of amoxicillin and danofloxacin against, 261

Salmonella typhimurium infected pigs, Pharmacokinetics and penetration of danofloxacin into the gastrointestinal tract in healthy and in, 211

Sialography of sheep parotid and mandibular salivary glands, 3

Simultaneous serological evidence of *Actinobacillus pleuropneumoniae*, PRRS, Aujeszky's disease and influenza viruses in Spanish finishing pigs, 9

Spermiophagy in the initial part of the proximal efferent duct of the epididymis of normal domestic fowl (Gollos domesticos), Active, 135

Staphylococcus intermedius to canine keratinocytes in atopic dermatitis, Adherence by, 279

Stereotactic CT-guided brain biopsy device in the dog, Accuracy testing of a new, 243

Streptococcus equi subsp. zooepidemicus, Determination of intraspecies variations of the V2 region of the 165 rRNA gene of, 33

Tannins on lungworm (Dictyocaulus sp.) and gastrointestinal parasitism in young red deer (Cervus elaphus), Effect of forage legumes containing condensed, 223

Tears, Protein microanalysis of animal, 207

Thiol groups in calves, Effect of lead on erythrocytic antioxidant defence, lipid peroxide level and, 71

Tissue print hybridisation and reverse transcriptase PCR in the detection of infectious borsal disease viruses in bursal tissues (SC), 99

Tissue sources of serum alkaline phosphatase in 34 hyperthyroid cats: a qualitative and quantitative study, 89

Transport on 5-to 10-day-old calves, Effects of food withdrawal and, 125

Type II and type III monodeiodinase activities in the skin of untreated and propylthiouracil-treated cashmere goats, 119

